

IFW

03500.017559

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re Application of:)
 MAKI OKAJIMA ET AL.) Examiner: Not Yet Assigned
 Application No.: 10/527,192)
 Filed: March 10, 2005)
 For: PHENANTHROLINE)
 COMPOUND AND ORGANIC)
 LIGHT EMITTING DEVICE)
 USING SAME Group Art Unit: 1714
 February 15, 2006

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents and articles are also enclosed.

The concise explanation of relevance for the non-English documents is found in the specification where cited, or in an attached abstract.

The Examiner's attention is also directed to the following U.S. Applications:

<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
11/272,726	November 15, 2005	1774
11/236,649	September 28, 2005	2811

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Peter Saxon
Attorney for Applicants
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ATTY DOCKET NO.
03500.017559APPLICATION NO.
10/527,192

APPLICANT

MAKI OKAJIMA

FEB 16 2006

FILING DATE

March 10, 2005

GROUP

1714

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,539,507	9/1985	VanSlyke et al.	313	504	
	4,720,432	1/1988	VanSlyke et al.	428	457	
	4,885,211	12/1989	Tang et al.	428	457	
	5,130,603	7/1992	Tokailin et al.	313	504	
	5,151,629	9/1992	VanSlyke et al.	313	504	
	5,227,252	7/1993	Murayama et al.	428	690	
	5,247,190	9/1993	Friend et al.	277	40	
	5,317,169	5/1994	Nakano et al.	257	40	
	5,382,477	1/1995	Saito et al.	428	690	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO OR ABSTRACT
JP	05-247460	9/1993	Japan			Abstract
JP	05-202356	8/1993	Japan			Abstract
JP	07-82551	3/1995	Japan			Abstract
JP	09-202878	8/1997	Japan			Abstract
JP	09-227576	9/1997	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Permanent Pages, Etc.)

	Case, "Substituted 1,10Phenanthrolines, IV, Bromo Derivatives", J. Org. Chem. 16, pp. 941-945 (1951).
	Tang et al., "Organic electroluminescent diodes", Appl. Phys. Lett. 51, (12) 913-915 (Sept. 1987).
	Burroughs et al., "Light-emitting diodes based on conjugated polymers", Nature, 347, 539-541 (Oct. 1990).
	Tzalis, et al., "Simple One-Step Synthesis ... of Metal Chelates", Tetrahedron Letters, 36, 20, 3489-3490 (1995).

/Rita Desai/

DATE CONSIDERED

02/28/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RD/

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,393,614	2/1995	Nakada, H.	428	690	
	5,409,783	4/1995	Tang et al.	428	690	
	5,514,878	5/1996	Holmes et al.	257	40	
	5,672,678	9/1997	Holmes et al.	528	373	
	5,726,457	3/1998	Nakano et al.	257	40	
	6,010,796	1/2000	Kijima, Y.	428	690	
	6,093,864	7/2000	Tokailin et al.	585	25	
	6,929,873	8/2005	Tsuboyama et al.	428	690	3/5/2003
	6,972,334	12/2005	Shibanuma et al.	546	88	11/2000

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Miyaura et al., "Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds", Chem. Rev. 95, 2457-2483 (1995).

Baldo et al., "Highly efficient phosphorescent devices", Nature, 395, 151-154 (Sept. 1998).

/Rita Desai/

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